

DELHI TECHNOLOGICAL UNIVERSITY
SCHEME OF TEACHING AND EVALUATION
MASTER OF TECHNOLOGY IN POLYMER TECHNOLOGY (PTE)

The following alphanumeric coding scheme has been adopted

Core Courses XXXYMN

Elective Courses XXXYCMN

XXX abbreviates a particular M. Tech. program, Y – (5 for M. Tech. 1 st year, 6 for M. Tech. 2 nd year),

C – credit of the course (4/3/2),

MN – Subject code (Odd number for odd semester and even number for even semester courses)

Semester-I														
	S. No.	Course Code	Course Name	Type/ Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group A	1	PTE501	Polymer Chemistry	Core	4	3	0	2	15	25	20	40	-	17
	2	PTE503	Polymer Structure and Properties	Core	4	3	0	2	15	25	20	40	-	
Group B	3	PTE5401/5403/.....	Elective 1	Elective	4	3	0	2	15	25	20	40	-	
	4	PTE5301/5303/.....	Elective 2	Elective	3	3	0	0	20	0	30	50	-	
	5	PTE5201/5203/..... /UEC5201/5203/.....	Elective 3/ University Elective I	Elective	2	2	0	0	20	-	30	50	-	
Semester-II														
	S. No.	Course Code	Course Name	Type/ Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Gr ou	1	PTE502	Polymer Processing	Core	4	3	0	2	15	25	20	40	-	17

	2	PTE504	Polymer Testing and Characterization	Core	4	3	0	2	15	25	20	40	-
Group D	3	PTE5402/5404/.....	Elective 4	Elective	4	4	0	0	20	-	30	50	-
	4	PTE5302/5304/.....	Elective 5	Elective	3	3	0	0	20	-	30	50	-
	5	PTE5202/5204/...../ UEC5202/5204/.....	Elective 6/ University Elective II	Elective	2	2	0	0	20	-	30	50	-

Semester-III

	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits	
	Track 1													12	
Group E	1	PTE651	Research Project	Core	12	0	0	12	0	-	40	60	-		
	Track 2														
	1	PTE601	Major Project I	Core	3							40	60		12
	2	PTE6401/6403/.....	Elective 7	Elective	4	3	0	2	15	25	20	40	-		
	3	PTE6301/6303/.....	Elective 8	Elective	3	3	0	0	20	-	30	50	-		
4	PTE6201/6203/.....	Elective 9	Elective	2	2	0	0	20	-	30	50	-			

Semester-IV

	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Gr0	Track 1													

1	PTE652	Research Project	Core	2 ¹	0	0	2 ¹	0	-	40	60	0	12
Track 2													
1	PTE602	Major Project II	Core	2 ¹	0	0	2 ¹	0	-	40	60	0	12

LIST OF ELECTIVES :													
	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 1	1	PTE5401	Plastic Technology	Elective	4	3	0	2	15	25	20	40	-
	2	PTE5403	Rubber Technology		4	3	0	2	15	25	20	40	-
	3	PTE5405	Fiber Technology		4	3	0	2	15	25	20	40	-
	4	PTE5407	Resin Technology		4	3	0	2	15	25	20	40	-
	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 2	1	PTE5301	Polymer Degradation	Elective	3	3	0	0	20	-	30	50	-
	2	PTE5303	Polymer Recycling		3	3	0	0	20	-	30	50	-
	3	PTE5305	Environment Assessment of Polymer		3	3	0	0	20	-	30	50	-
	4	PTE5307	Green Polymers		3	3	0	0	20	-	30	50	-
	S.No.	Course Code		Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
	1	PTE5201	SEMINAR		2	2	0	0	2	-	100	-	-

	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 6	1	PTE5202	Commercialization of Polymers and Chemical Technology Products	Elective	2	2	0	0	20	-	30	50	-
	2	PTE5204	Engineering economics and Entrepreneurship		2	2	0	0	20	-	30	50	-
	3	PTE5206	Statistical Quality control		2	2	0	0	20	-	30	50	-
	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 7	1	PTE6401	Rheology	Elective	4	3	0	2	15	25	20	40	-
	2	PTE6403	Polymer product and Die Design		4	3	0	2	15	25	20	40	-
	3	PTE6405	Additives and Compounding		4	3	0	2	15	25	20	40	-
	4	PTE6407	Extrusion and Injection Molding		4	3	0	2	15	25	20	40	-
	5	PTE6409	Nonwoven Technology		4	3	0	2	15	25	20	40	-
	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 8	1	PTE6301	Specialty Polymers	Elective	3	3	0	0	20	-	30	50	-
	2	PTE6303	Application of nanomaterials in Polymers		3	3	0	0	20	-	30	50	-
	3	PTE6305	Inorganic polymers		3	3	0	0	20	-	30	50	-
	4	PTE6307	Biosensors		3	3	0	0	20	-	30	50	-
	S.No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE

